



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Workforce Development

COURSE: EMS 2231 Paramedic Practicum II

Date: Spring 2020

Credit Hours: 3.5

Prerequisite(s):

1. Completion of EMS 2220 with a "C" or better
2. Completion of EMS 2221
3. Concurrent enrollment in EMS 2230

Delivery Method:

<input type="checkbox"/> Lecture	0 Contact Hours (1 contact = 1 credit hour)
<input type="checkbox"/> Seminar	0 Contact Hours (1 contact = 1 credit hour)
<input type="checkbox"/> Lab	0 Contact Hours (2-3 contact = 1 credit hour)
<input checked="" type="checkbox"/> Clinical	17.5 Contact Hours (3 contact = 1 credit hour)
<input type="checkbox"/> Online	
<input type="checkbox"/> Blended	

Offered: **Fall** **Spring** **Summer**

IAI Equivalent –*Only for Transfer Courses*–go to <http://www.itransfer.org>:

CATALOG DESCRIPTION:

This course is designed to develop the knowledge and skills for EMT in the area of advanced emergency care of ill or injured persons. This section places students in the pre-hospital and hospital settings. Students will be exposed to a variety of patients, focusing on their psychomotor skill acquisition. Students will build upon the skills learned in the previous clinical session.

GENERAL EDUCATION GOALS ADDRESSED

[See last page for Course Competency/Assessment Methods Matrix.]

Upon completion of the course, the student will be able:

[Choose up to three goals that will be formally assessed in this course.]

- To apply analytical and problem-solving skills to personal, social, and professional issues and situations.
- To communicate successfully, both orally and in writing, to a variety of audiences.
- To construct a critical awareness of and appreciate diversity.
- To understand and use technology effectively and to understand its impact on the individual and society.
- To develop interpersonal capacity.
- To recognize what it means to act ethically and responsibly as an individual and as a member of society.
- To recognize what it means to develop and maintain a healthy lifestyle in terms of mind, body, and spirit.
- To connect learning to life.

EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:

[Outcomes related to course specific goals. See last page for more information.]

Upon completion of the course, the student will be able to:

1. Demonstrate patient assessment for patients with a psychiatric complaint.
 - 1.1 Conduct a patient history from an alert and orientated patient.
 - 1.2 Complete an assessment of a psychiatric patient.
 - 1.3 Demonstrate medical assessment.

2. Demonstrate airway assessment and management on a variety of patients.
 - 2.1 Perform airway management on a patient.
 - 2.2 Direct application of CPAP & PEPP.
 - 2.3 Perform direct orotracheal intubation on an adult patient.
 - 2.4 Perform direct orotracheal intubation on a pediatric patient.
 - 2.5 Insert supraglottic airway device on an adult patient.

3. Apply knowledge obtained from the skills lab on a variety of patients in the intensive care setting.
 - 3.1 Apply 12-lead electrodes for analysis.
 - 3.2 Safely operate defibrillator.
 - 3.3 Perform synchronized cardioversion.
 - 3.4 Safely use transcutaneous pacer.

4. Apply knowledge obtained from the skills lab on obstetrical patients.
 - 4.1 Observe and assist with normal newborn care.
 - 4.2 Observe and assist with abnormal delivery with newborn care.
 - 4.3 Provide neonatal resuscitation beyond routine newborn care.

5. Apply knowledge obtained from the skills lab on a patient in the cardiac catheterization unit.
 - 5.1 Apply 12-lead electrodes for analysis.
 - 5.2 Safely operate defibrillator.
 - 5.3 Perform synchronized cardioversion.
 - 5.4 Safely use transcutaneous pacer.

6. Apply knowledge obtained in the skills lab to perform treatment skills on a variety of patient in the hospital setting.
 - 6.1 Conduct a patient history from an alert and orientated patient.
 - 6.2 Practice a comprehensive normal physical assessment on a pediatric patient.
 - 6.3 Demonstrate medical assessment.
 - 6.4 Perform airway management on a patient.
 - 6.5 Direct application of CPAP & PEPP.
 - 6.6 Perform direct orotracheal intubation on an adult patient.
 - 6.7 Perform a traumatic endotracheal intubation on an adult patient.
 - 6.8 Perform direct orotracheal intubation on a pediatric patient.
 - 6.9 Insert supraglottic airway device on an adult patient.
 - 6.10 Conduct a trauma physical examination.
 - 6.11 Complete a pleural decompression.
 - 6.12 Demonstrate competency of intravenous therapy initiation.
 - 6.13 Demonstrate competency of intraosseous therapy initiation.
 - 6.14 Demonstrate competency of intravenous medication administration.
 - 6.15 Demonstrate competency of intramuscular medication administration.
 - 6.16 Demonstrate competency of subcutaneous medication administration.
 - 6.17 Demonstrate competency of inhaled medication administration.
 - 6.18 Apply 12-lead electrodes for analysis.
 - 6.19 Safely operate defibrillator.
 - 6.20 Perform synchronized cardioversion.
 - 6.21 Safely use transcutaneous pacer.
 - 6.22 Observe and assist with normal newborn care.
 - 6.23 Observe and assist with abnormal delivery with newborn care.
 - 6.24 Provide neonatal resuscitation beyond routine newborn care.

7. Apply knowledge obtained in the skills lab to perform treatment skills on a variety of patients in the pre-hospital setting.
 - 7.1 Conduct a patient history from an alert and orientated patient.
 - 7.2 Practice a comprehensive normal physical assessment on a pediatric patient.
 - 7.3 Demonstrate medical assessment.
 - 7.4 Perform airway management on a patient.
 - 7.5 Direct application of CPAP & PEPP.
 - 7.6 Perform direct orotracheal intubation on an adult patient.
 - 7.7 Perform a traumatic endotracheal intubation on an adult patient.

- 7.8 Perform direct orotracheal intubation on a pediatric patient.
- 7.9 Insert supraglottic airway device on an adult patient.
- 7.10 Conduct a trauma physical examination.
- 7.11 Complete a pleural decompression.
- 7.12 Demonstrate competency of intravenous therapy initiation.
- 7.13 Demonstrate competency of intraosseous therapy initiation.
- 7.14 Demonstrate competency of intravenous medication administration.
- 7.15 Demonstrate competency of intramuscular medication administration.
- 7.16 Demonstrate competency of subcutaneous medication administration.
- 7.17 Demonstrate competency of inhaled medication administration
- 7.18 Apply 12-lead electrodes for analysis.
- 7.19 Safely operate defibrillator.
- 7.20 Perform synchronized cardioversion.
- 7.21 Safely use transcutaneous pacer.
- 7.22 Observe and assist with normal newborn care.
- 7.23 Observe and assist with abnormal delivery with newborn care.
- 7.24 Provide neonatal resuscitation beyond routine newborn care.

MAPPING LEARNING OUTCOMES TO GENERAL EDUCATION GOALS

[For each of the goals selected above, indicate which outcomes align with the goal.]

Goals	Outcomes
First Goal	
To apply analytical and problem-solving skills to personal, social, and professional issues and situations.	1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7.23, 7.24
Second Goal	
To communicate successfully, both orally and in writing, to a variety of audiences.	1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7.23, 7.24

COURSE TOPICS AND CONTENT REQUIREMENTS:

- I. Behavioral Health – 8 hours
 - a. Obtain a patient history from an alert and oriented patient.
 - b. Assessment of psychiatric patient.

- II. Operating Room – 8 hours
 - a. Airway management
 - b. Direct orotracheal intubation – adults
 - c. Direct orotracheal intubation – pediatric
 - d. Supraglottic airway device – adult
 - e. CPAP & PEEP

- III. Intensive Care Unit – 8 hours
 - a. Synchronized cardioversion
 - b. 12 Lead ECG placement
 - c. Defibrillation
 - d. Transcutaneous pacing

- IV. Obstetrical Unit – 16 hours (minimum of 2 births)
 - a. Normal delivery with newborn care
 - b. Abnormal delivery with newborn care
 - c. Neonatal resuscitation beyond routine newborn care

- V. Cardiac Catherization Lab – 8 hours
 - a. Synchronized cardioversion
 - b. 12 Lead ECG placement
 - c. Defibrillation
 - d. Transcutaneous pacing

- VI. Emergency Department Clinical – 100 hours
 - a. Airway management
 - b. Obtain a patient history from an alert and oriented patient.
 - c. Comprehensive normal physical assessment – pediatric
 - d. Direct orotracheal intubation – adults
 - e. Direct orotracheal intubation – pediatric
 - f. Supraglottic airway device – adult
 - g. CPAP & PEEP
 - h. Trauma physical assessment
 - i. Trauma endotracheal intubation – adult
 - j. Pleural decompression
 - k. Medical assessment including cardiac physical assessment
 - l. Inhaled Medication (MDI, nebulizer)
 - m. IV Therapy
 - n. IV medication administration
 - o. Intraosseous infusion

- p. Intramuscular medication administration
 - q. Subcutaneous Medication administration
 - r. Synchronized cardioversion
 - s. 12 Lead ECG placement
 - t. Defibrillation
 - u. Transcutaneous pacing
 - v. Normal delivery with newborn care
 - w. Abnormal delivery with newborn care
 - x. Neonatal resuscitation beyond routine newborn care
- VII. Pre-hospital Ride Time – 100 hours
- a. Airway Management
 - b. Obtain a patient history from an alert and oriented patient.
 - c. Comprehensive normal physical assessment – pediatric
 - d. Direct orotracheal intubation – adults
 - e. Direct orotracheal intubation - pediatric
 - f. Supraglottic airway device – adult
 - g. Needle cricothyrotomy
 - h. CPAP & PEEP
 - i. Trauma physical assessment
 - j. Trauma endotracheal intubation - adult
 - k. Pleural decompression
 - l. Medical assessment including cardiac physical assessment
 - m. Inhaled Medication (MDI, nebulizer)
 - n. IV Therapy
 - o. IV medication administration
 - p. Intraosseous infusion
 - q. Intramuscular medication administration
 - r. Subcutaneous Medication administration
 - s. Synchronized cardioversion
 - t. 12 Lead ECG placement
 - u. Defibrillation
 - v. Transcutaneous pacing
 - w. Normal delivery with newborn care
 - x. Abnormal delivery with newborn care
 - y. Neonatal resuscitation beyond routine newborn care

INSTRUCTIONAL METHODS:

- In hospital clinical experience
- Pre hospital clinical experience

INSTRUCTIONAL MATERIALS:

Text: *Paramedic Care: Principles and Practice by Bledsoe, Porter, and Cherry 5th Edition, Volumes 1, 2, 3, 4, & 5*

STUDENT REQUIREMENTS AND METHODS OF EVALUATION:

Pass or Fail based on:

- Clinical Shift Worksheet and
- Clinical Shift Evaluation Worksheet

OTHER REFERENCES

Course Competency/Assessment Methods Matrix

(Dept/# Course Name)	Assessment Options																															
For each competency/outcome place an "X" below the method of assessment to be used.	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignment
	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D						
Assessment Measures – Are direct or indirect as indicated. List competencies/outcomes below.																																
Demonstrate patient assessment for patients with a psychiatric complaint.														X		X			X	X	X	X	X	X	X		X					
Demonstrate airway assessment and management on a variety of patients.														X		X				X	X	X	X	X	X		X					
Apply knowledge obtained from the skills lab on a variety of patients in the intensive care setting.														X		X				X	X	X	X	X	X		X					
Apply knowledge obtained from the skills lab on obstetrical patients.														X		X				X	X	X	X	X	X		X					

